① Publication number:

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EUROPEAN PATENT APPLICATION

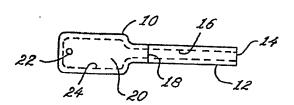
- ② Application number: 86110184.8
- 2 Date of filing: 24.07.86

(9) Int. Cl.4: **G 01 N 21/03,** G 01 N 21/51, G 01 N 21/00, G 01 N 33/48, B 01 L 3/00, G 01 N 33/50

- ③ Priority: 05.08.85 US 762748 01.07.86 US 880793
- Date of publication of application: 04.03.87
 Bulletin 87/10
- B Designated Contracting States: AT BE CH DE FR GB IT LI LU NL SE
- Bate of deferred publication of search report: 19.07.89 Bulletin 89/29

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- (5) Capillary flow device.
- Novel methods and devices are provided involving at least one chamber, at least one capillary, and at least one reagent involved in a system providing for a detectable signal. As appropriate, the devices provide for measuring a sample, mixing the sample with reagents, defining a flow path, and reading the result. Of particular interest is the use of combinations of specific binding pair members which result in agglutination information, where the resulting agglutination particles may provide for changes in flow rate, light patterns of a flowing medium, or light absorption or scattering. A fabrication technique particularly suited for forming internal chambers in plastic devices is also described along with various control devices for use with the



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EUROPEAN SEARCH REPORT

	Citation et de	CUMENTS CONSIDERED TO BE RELEVANT		EP 86110184.8
Category	Chatter of docume	int with indication, where appropriate, felevant passages	Relevant to claim	CLASSIFICATION OF THE
х	* Page 2, 1 page 3, 1	00 (LILJA VAN EVERT) ines 14-18,34-37; ine 13 - page 4, lin s; fig. 1-15 *	1,4,6,	G 01 N 21/03 G 01 N 21/51 G 01 N 21/00
D	& US-A-4 088 4	48		G 01 N 33/48
A	* Abstract:	4 611 (BOEHRINGER) page 10, line 1 - line 24; claims; fig	. 1,6	B 01 L 3/00 G 01 N 33/50
A		405 (AMERICAN OPT.	1,6	
A L	* Totality * JS - A - 4 233 * Abstract;	 029 (COLUMBUS)	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
<u>U</u> A	S - A - 3 799	 742 (COLEMANN) fig. *	1,6	B 01 L 3/00 B 29 C 65/00 G 01 N 1/00
G	LASTICS ENGINE ALLAGEN S.T. "I ork for ultraso * Pages 35-37	ERING, August 1985 Laying the ground- pnic welding."	1,13	G 01 N 21/00 G 01 N 33/00
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<u>-</u>	The present search report has b	een drawn up for all claims		!
Place of search Date of complet		Date of completion of the search		Examiner
23-04-1989			ERBER	
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	The present search report has b				
		Date of completion of the search	T	Examiner	
VIENNA 25-04-		25-04-1989	ERBER		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: member of the same patent family, correspond					
	mediate document	document			